

## WEST Search History





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|                          |                           | <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>  |                            |
| <input type="checkbox"/> | L18                       | L17 and l14  | 6                          |
| <input type="checkbox"/> | L17                       | pertti.inv.  | 938                        |
| <input type="checkbox"/> | L16                       | pertti.inv. and (compar\$3 near3 (fft or dft or (karhune near2 loeve)))  | 0                          |
| <input type="checkbox"/> | L15                       | L14 and (compar\$3 near3 (fft or dft or (karhune near2 loeve)))  | 2                          |
| <input type="checkbox"/> | L14                       | Sami.inv.  | 1496                       |
| <input type="checkbox"/> | L13                       | (compar\$3 near3 (fft or dft or (karhune near2 loeve))) same (without near3 (fft or dft or (karhune near2 loeve)))                           | 3                          |
| <input type="checkbox"/> | L12                       | L11 not l9   | 40                         |
| <input type="checkbox"/> | L11                       | L10 and l4   | 45                         |
| <input type="checkbox"/> | L10                       | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) and ((without\$3) near3 (fft or dft or (karhune near2 loeve)))     | 57                         |
| <input type="checkbox"/> | L9                        | l4 and l5  | 89                         |
| <input type="checkbox"/> | L8                        | L7 and l4 and l5   | 3                          |
| <input type="checkbox"/> | L7                        | (375/285.ccls. or 375/346.ccls.) or(708/400.ccls. or 708/402.ccls. or 708/403.ccls. or 708/404.ccls. or 708/405.ccls.)                       | 3730                       |
| <input type="checkbox"/> | L6                        | (375/285.ccls. or 375/346.ccls.) and (708/400.ccls. or 708/402.ccls. or 708/403.ccls. or 708/404.ccls. or 708/405.ccls.)                     | 5                          |
| <input type="checkbox"/> | L5                        | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) and (compar\$3 near3 (fft or dft or (karhune near2 loeve) or dct)) | 111                        |
| <input type="checkbox"/> | L4                        | @ad<=20031013  | 24839726                   |
| <input type="checkbox"/> | L3                        | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) and (compar\$3 near3 (fft or dft or (karhune near2 loeve)))        | 89                         |
| <input type="checkbox"/> | L2                        | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) and (compar\$3 near3 (transform\$3 near3 nontransform\$3))         | 0                          |
| <input type="checkbox"/> | L1                        | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) same (compar\$3 near3 (transform\$3 near3 nontransform\$3))        | 0                          |

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## WEST Search History





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| <input type="checkbox"/> | L13                       | (compar\$3 near3 (fft or dft or (karhune near2 loeve))) same (without near3 (fft or dft or (karhune near2 loeve)))                           | 3                          |
| <input type="checkbox"/> | L12                       | L11 not l9   | 40                         |
| <input type="checkbox"/> | L11                       | L10 and l4   | 45                         |
| <input type="checkbox"/> | L10                       | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) and ((without\$3) near3 (fft or dft or (karhune near2 loeve)))     | 57                         |
| <input type="checkbox"/> | L9                        | l4 and l5  | 89                         |
| <input type="checkbox"/> | L8                        | L7 and l4 and l5   | 3                          |
| <input type="checkbox"/> | L7                        | (375/285.ccls. or 375/346.ccls.) or(708/400.ccls. or 708/402.ccls. or 708/403.ccls. or 708/404.ccls. or 708/405.ccls.)                       | 3730                       |
| <input type="checkbox"/> | L6                        | (375/285.ccls. or 375/346.ccls.) and (708/400.ccls. or 708/402.ccls. or 708/403.ccls. or 708/404.ccls. or 708/405.ccls.)                     | 5                          |
| <input type="checkbox"/> | L5                        | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) and (compar\$3 near3 (fft or dft or (karhune near2 loeve) or dct)) | 111                        |
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| <input type="checkbox"/> | L3                        | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) and (compar\$3 near3 (fft or dft or (karhune near2 loeve)))        | 89                         |
| <input type="checkbox"/> | L2                        | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) and (compar\$3 near3 (transform\$3 near3 nontransform\$3))         | 0                          |
| <input type="checkbox"/> | L1                        | (interference\$ or noise\$) near3 (suppres\$5 or minimiz\$3 or reject\$3) same (compar\$3 near3 (transform\$3 near3 nontransform\$3))        | 0                          |

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- #2 (((interference\* <or> noise\$) <near/3> (suppres\* <or> minimiz\* <or> reject\*) <and> (compar\* <near/3> (fft <or> dft <or> (karhune <near/2> loeve))))<in>metadata)
- #3 (((interference\* <or> noise\$) <near/3> (suppres\* <or> minimiz\* <or> reject\*) <and> (compar\* <near/3> (fft <or> dft <or> (karhune <near/2> loeve))))<in>metadata)
- #4 (((interference\* <or> noise\$) <near/3> (suppres\* <or> minimiz\* <or> reject\*) <and> (compar\* <near/3> (fft <or> dft <or> (karhune <near/2> loeve))))<in>metadata)
- #5 (((interference\* <or> noise\$) <near/3> (suppres\* <or> minimiz\* <or> reject\*) <and> (compar\* <near/3> (fft <or> dft <or> (karhune <near/2> loeve))))<in>metadata)
- #6 (((interference\* <or> noise\$) <near/3> (suppres\* <or> minimiz\* <or> reject\*) <and> (without <near/3> (fft <or> dft <or> (karhune <near/2> loeve))))<in>metadata)



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## » Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **Optimum DCT-based multicarrier transceivers for frequency-selective channels**  
 Al-Dhahir, N.; Hlaing Minn; Satish, S.;  
Communications, IEEE Transactions on  
 Volume 54, Issue 5, May 2006 Page(s):911 - 921  
 Digital Object Identifier 10.1109/TCOMM.2006.873980  
[AbstractPlus](#) | Full Text: [PDF\(640 KB\)](#) IEEE JNL  
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- ☐ 2. **Efficient MIMO equalization for downlink multi-code CDMA: complexity of comparative study**  
 Guo, Y.; Zhang, J.; McCain, D.; Cavallaro, J.R.;  
Global Telecommunications Conference, 2004. GLOBECOM '04. IEEE  
 Volume 4, 29 Nov.-3 Dec. 2004 Page(s):2513 - 2519 Vol.4  
 Digital Object Identifier 10.1109/GLOCOM.2004.1378459  
[AbstractPlus](#) | Full Text: [PDF\(728 KB\)](#) IEEE CNF  
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- ☐ 3. **Inter-carrier interference cancellation method based on cyclic embedding communication systems**  
 Xia Wang; Shihua Zhu; Delong Sun;  
Spread Spectrum Techniques and Applications, 2004 IEEE Eighth International Conference on  
 30 Aug.-2 Sept. 2004 Page(s):409 - 413  
[AbstractPlus](#) | Full Text: [PDF\(655 KB\)](#) IEEE CNF  
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- ☐ 4. **Comparison of pre-FFT and post-FFT processing adaptive arrays for OFDM in the presence of co-channel interference**  
 Matsuoka, H.; Shoki, H.;  
Personal, Indoor and Mobile Radio Communications, 2003. PIMRC 2003. 14th IEEE International Symposium on  
 Volume 2, 7-10 Sept. 2003 Page(s):1603 - 1607 vol.2  
 Digital Object Identifier 10.1109/PIMRC.2003.1260385  
[AbstractPlus](#) | Full Text: [PDF\(449 KB\)](#) IEEE CNF  
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- ☐ 5. **Efficient channel estimation based on discrete cosine transform**  
 Yen-Hui Yeh; Sau-Gee Chen;  
Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03).

[International Conference on](#)  
Volume 4, 6-10 April 2003 Page(s):IV - 676-9 vol.4  
[AbstractPlus](#) | Full Text: [PDF](#)(331 KB) [IEEE CNF](#)  
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- ☐ 6. **FFT-speed and windowed multiuser detector for UTRA-FDD high rate dat**  
Machauer, R.; Jondral, F.;  
[Spread Spectrum Techniques and Applications, 2002 IEEE Seventh Internatio](#)  
[on](#)  
Volume 3, 2002 Page(s):712 - 716 vol.3  
Digital Object Identifier 10.1109/ISSSTA.2002.1049352  
[AbstractPlus](#) | Full Text: [PDF](#)(390 KB) [IEEE CNF](#)  
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- ☐ 7. **Comparison of two FFT structures for fractionally-spaced frequency dom**  
Jae-Ho Ryu; Yong-Hwan Lee; Kwang-Bok Lee;  
[Vehicular Technology Conference, 2002. VTC Spring 2002. IEEE 55th](#)  
Volume 4, 6-9 May 2002 Page(s):1710 - 1713 vol.4  
Digital Object Identifier 10.1109/VTC.2002.1002912  
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- ☐ 8. **Low-complexity channel estimator based on windowed DFT and scalar W**  
**OFDM system**  
Baoguo Yang; Zhigang Cao; Letaief, K.B.;  
[Communications, 2001. ICC 2001. IEEE International Conference on](#)  
Volume 6, 11-14 June 2001 Page(s):1643 - 1647 vol.6  
Digital Object Identifier 10.1109/ICC.2001.937073  
[AbstractPlus](#) | Full Text: [PDF](#)(560 KB) [IEEE CNF](#)  
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- ☐ 9. **On nonlinear beamforming for interference cancellation**  
Chang Qing Xu; Law, C.L.; Yoshida, S.;  
[Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd](#)  
Volume 1, 6-9 May 2001 Page(s):23 - 27 vol.1  
Digital Object Identifier 10.1109/VETECS.2001.944796  
[AbstractPlus](#) | Full Text: [PDF](#)(224 KB) [IEEE CNF](#)  
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- ☐ 10. **Fast filtering technique for HREM image analysis**  
Guedj, C.; Vasiliu, M.C.;  
[Digital Signal Processing Proceedings, 1997. DSP 97., 1997 13th Internationa](#)  
Volume 2, 2-4 July 1997 Page(s):547 - 550 vol.2  
Digital Object Identifier 10.1109/ICDSP.1997.628407  
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Time: 16:39:24

**PALM INTRANET**

## Inventor Information for 10/776501

| Inventor Name  | City     | State/Country |
|----------------|----------|---------------|
| AROMAA, SAMI   | OULU     | FINLAND       |
| HENTTU, PERTTI | VARJAKKA | FINLAND       |

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Last Name = AROMAA

First Name = SAMI

| Application#    | Patent#       | Status | Date Filed | Title  | Inventor Name |
|-----------------|---------------|--------|------------|--|---------------|
| <u>10776501</u> | Not<br>Issued | 30     | 02/12/2004 | Method for suppressing<br>interference and arrangement for<br>same, and radio communications<br>receiver | AROMAA, SAMI  |

**Inventor Search Completed: No Records to Display.**

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First Name = PERTTI

| Application#             | Patent#    | Status | Date Filed | Title   | Inventor Name  |
|--------------------------|------------|--------|------------|---|----------------|
| <a href="#">10391193</a> | Not Issued | 93     | 03/19/2003 | TELECOMMUNICATIONS SYSTEM AND RECEIVER  | HENTTU, PERTTI |
| <a href="#">10468479</a> | Not Issued | 41     | 08/20/2003 | Method and arrangement for interference attenuation   | HENTTU, PERTTI |
| <a href="#">10519482</a> | Not Issued | 41     | 12/30/2004 | Signal-processing method and a receiver   | HENTTU, PERTTI |
| <a href="#">10700545</a> | Not Issued | 41     | 11/05/2003 | Extracting signal components in radio system receiver   | HENTTU, PERTTI |
| <a href="#">10776501</a> | Not Issued | 30     | 02/12/2004 | Method for suppressing interference and arrangement for same, and radio communications receiver | HENTTU, PERTTI |

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